

ABSTRACT

The present method for producing a high stability, low emission, invert fuel emulsion composition comprises blending additives having a surfactant package with a hydrocarbon petroleum distillate fuel in an in-line blending station to create a composition. The surfactant package includes a primary surfactant, a block copolymer, and a polymeric dispersant, and the hydrocarbon petroleum distillate fuel is a continuous phase of the emulsion. The method also comprises blending purified water with the composition in a second in-line blending station to produce a second composition and aging the second composition in a reservoir to produce an aged composition and passing the aged composition through a shear pump to a storage tank.